

Iowa Crops & Weather



Iowa Agricultural Statistics
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Behind on Heat Units

Agricultural Summary: After another cooler than normal week, producers are concerned about running out of time to accumulate enough heat units as crop maturity has slowed. In the southern third of Iowa, lack of rain resulted in some corn firing and there were reports of fields where soybeans were starting to wilt. Aphid levels in soybeans were high enough to spray in some fields, while incidents of white mold and Sudden Death Syndrome were also reported across Iowa. Pastures are getting poorer, especially in the southern and middle sections of the state, where some green chopping of very poor corn to supplement cow pasture was noted.

There were 5.7 **days suitable for fieldwork**, compared to 6.4 days the previous week and 6.8 days last year at this time. **Topsoil moisture** rated 5 percent very short, 21 percent short, 69 percent adequate, and 5 percent surplus across Iowa. **Subsoil moisture** rated 4 percent very short, 16 percent short, 75 percent adequate, and 5 percent surplus.

Field Crops Report: The **corn acreage in or past milk stage** reached 93 percent, compared to 92 percent last year, and the 5-year average of 95 percent. The **corn acreage in or past dough stage** was 62 percent, slightly behind last year's progress of 64 percent and two days behind the 5-year average of 71 percent dough stage. The **corn acreage in or past dent stage** was 19 percent, behind last year's progress of 21 percent and four days behind 5-year average of 34 percent at this time. **Corn condition** was rated 2 percent very poor, 6 percent poor, 19 percent fair, 50 percent good, and 23 percent excellent. **Soybean acreage setting pods** was 98 percent. **Soybean condition** was rated 2 percent very poor, 6 percent poor, 21 percent fair, 50 percent good, and 21 percent excellent. The **third cutting of alfalfa hay** was 62 percent complete, slightly behind last year's progress of 63 percent and approximately four days ahead of the 5-year average of 52 percent complete. **Hay condition** rated 1 percent very poor, 3 percent poor, 19 percent fair, 53 percent good, and 24 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good and pasture conditions for this time of year were again

reported to be better than normal. **Pasture and range condition** was rated 2 percent very poor, 7 percent poor, 21 percent fair, 51 percent good, and 19 percent excellent.

Iowa Weather Summary

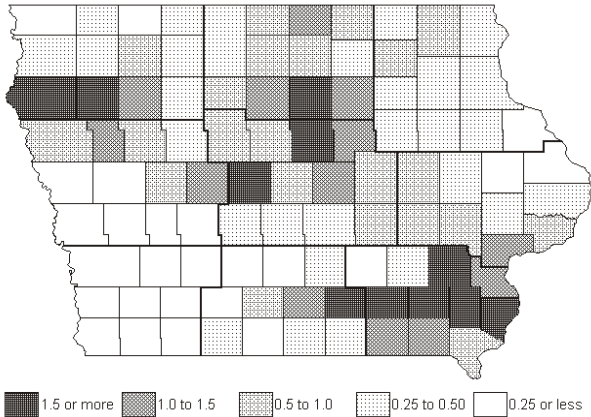
The past work week began with thunderstorms covering much of the northeast two-thirds of Iowa on Monday (16th) with heavy rains and hail centered upon Franklin and Hardin Counties. A few thunderstorms lingered across southeast Iowa on Tuesday (17th) morning while storms moved across much of the state on Wednesday (18th). Thursday (19th) was dry in most areas while an area of light rain dampened the southeast one-quarter of Iowa on Friday (20th). Saturday (21st) was dry statewide while a few thunderstorms edged into far northwestern Iowa on Sunday (22nd) morning. Finally thunderstorms again moved into northern and western sections of the state late Sunday into early Monday (23rd) with heaviest rains in Plymouth, Cherokee and Buena Vista Counties. No rain fell during the week across parts of southwest Iowa including Shenandoah, Glenwood, Red Oak and Adair where some areas have had no rain of consequence since August 3. Heaviest weekly totals were reported from Popejoy (Franklin Co.) with 2.62 inches and Boone with 2.46 inches. The statewide average precipitation was 0.62 inches or about two-thirds of the weekly normal of 0.95 inches.

Iowa temperatures averaged 6.3 degrees below normal for the week, making this the tenth consecutive week of subnormal temperatures. The past work week began with readings only slightly below normal on Monday (16th), Tuesday (17th) and Wednesday (18th). In fact temperatures reached as high as 91 degrees at Shenandoah on Wednesday afternoon before another strong cold front moved across the state. The temperature fell to 37 degrees at the Spencer Airport on Thursday (19th) morning which was Iowa's lowest temperature recorded for so early in the season since 1975. However, temperatures slipped a little further on Saturday morning when Cresco, Estherville, Mason City and Spencer all reported 36 degrees. Not since 1964 have temperatures this low been recorded so early in August. Daytime highs were mostly in the 70's on Friday and Saturday. Seasonal temperatures finally returned on Sunday (22nd) when highs were in the 80's statewide.

Statewide Crop Conditions as of August 22, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	19	50	23
Hay, all	1	3	19	53	24
Range & Pasture	2	7	21	51	19
Soybeans	2	6	21	50	21

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., AUG. 23, 2004 (inches)



Field Work and Crop Progress as of August 22, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn in or past milk stage	95	90	92	93	95	94	90	92	92	93	83	92	95
Corn in or past dough stage	48	51	65	62	74	62	71	66	74	62	44	64	71
Corn in or past dent stage	13	8	12	20	23	25	39	28	25	19	9	21	34
Soybeans setting pods	99	98	95	99	99	96	97	97	94	98	92	96	97
Hay, alfalfa - third crop harvested	76	53	56	69	58	68	85	47	67	62	45	59	52

Days Suitable & Soil Moisture Condition as of August 22, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	6.2	5.3	6.1	5.8	4.5	6.1	6.7	6.0	4.9	5.7	6.4	6.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	10	2	1	13	0	12	7	3	0	5	3	53
Short	30	19	13	24	8	39	31	18	13	21	20	39
Adequate	60	62	78	60	86	48	61	74	84	69	74	8
Surplus	0	17	8	3	6	1	1	5	3	5	3	0
Subsoil moisture												
Very short	8	4	1	7	0	9	3	3	0	4	2	37
Short	25	11	11	26	9	24	11	12	19	16	14	41
Adequate	66	75	78	64	86	67	85	79	77	75	79	22
Surplus	1	10	10	3	5	0	1	6	4	5	5	0

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, August 22, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	79	36	62	-7	0.34	-0.50	17.65	1.36	88	-39
	85	39	66	-6	0.31	-0.46	15.82	-0.37	111	-32
	83	36	65	-6	0.08	-0.83	14.06	-3.11	104	-32
	82	40	62	-7	0.18	-0.66	16.64	0.43	88	-68
Britt Humboldt Mason City Northwood	North Central District									
	78	43	62	-9	0.64	-0.13	21.08	3.16	83	-58
	76	45	62	-9	0.29	-0.55	18.32	-0.10	82	-61
	78	36	62	-8	0.68	-0.24	31.04	12.27	84	-50
	77	39	60	-10	1.05	0.07	30.08	11.93	68	-66
Decorah Dubuque Elkader Independence Waterloo	North East District									
	82	38	63	-8	0.64	-0.27	30.16	11.79	91	-50
	76	41	62	-8	0.27	-0.82	15.49	-3.93	87	-47
	77	41	61	-9	0.48	-0.50	24.17	5.80	75	-81
	77	36	60	-10	0.33	-0.65	24.58	4.90	68	-91
Decorah Dubuque Elkader Independence Waterloo	78	39	63	-7	0.50	-0.27	16.95	-2.38	92	-45
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	78	43	61	-11	0.06	-0.78	23.83	5.46	81	-74
	81	44	64	-7	0.90	0.06	17.26	-2.39	97	-46
	80	46	64	-9	0.10	-0.74	12.54	-4.63	97	-44
	80	43	63	-9	0.21	-0.77	23.41	4.43	96	-52
	80	44	63	-9	0.04	-0.77	20.81	2.76	94	-46
	81	45	64	-7	1.15	0.31	21.65	2.00	98	-45
	83	44	65	-8	0.01	-0.76	18.66	0.88	105	-49
	79	43	62	-10	0.20	-0.64	23.70	5.18	85	-62
	85	43	67	-6	0.53	-0.13	13.57	-1.52	120	-35
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	79	45	64	-6	1.00	0.02	22.66	2.24	99	-38
	79	44	63	-8	2.46	1.55	20.27	0.56	95	-48
	81	51	67	-7	0.15	-0.83	20.86	2.58	122	-42
	77	45	62	-9	2.56	1.64	21.56	1.79	86	-55
	77	43	64	-7	1.13	0.08	19.82	0.20	97	-39
	79	47	63	-9	0.86	-0.03	21.95	3.42	94	-56
	80	46	64	-7	0.84	-0.07	20.82	2.08	97	-44
	77	45	61	-10	0.76	-0.28	16.69	-3.26	78	-61
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	80	45	63	-8	0.54	-0.37	16.47	-1.93	93	-51
	79	47	64	-10	0.38	-0.60	18.58	0.31	97	-59
	82	47	65	-9	1.15	0.17	19.60	-0.76	107	-56
	82	44	62	-9	0.33	-0.72	20.74	0.35	88	-57
	78	45	61	-10	0.06	-0.97	18.00	-0.35	81	-57
	79	49	64	-9	1.44	0.58	18.55	-0.48	101	-35
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	89	47	65	-8	0.00	-0.99	18.84	-1.91	106	-46
	87	49	67	-6	0.00	-0.90	16.69	-2.27	119	-39
	81	47	64	-7	0.00	-0.88	22.07	3.70	96	-45
	88	51	66	-8	0.00	-0.98	18.37	-2.09	113	-51
	89	52	67	-7	0.01	-0.91	17.83	-1.63	117	-43
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	86	51	65	-8	0.71	-0.25	21.24	1.92	106	-17
	86	50	64	-8	0.55	-0.36	17.06	-1.73	101	-52
	83	43	64	-8	0.49	-0.42	19.82	0.19	101	-51
	80	49	65	-8	0.44	-0.45	22.28	3.34	104	-46
	86	50	68	-5	0.41	-0.64	22.94	3.36	129	-26
Bloomfield Burlington Ottumwa	South East District									
	86	49	66	-8	1.17	0.13	21.89	2.29	112	-47
	86	54	70	-3	1.50	0.63	13.51	-4.80	143	-14
	81	51	66	-8	1.97	1.12	17.31	-0.91	112	-50

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.